



OIPE

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/896,324B

TIME: 13:51:17

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\11212002\I896324B.raw

2 <110> APPLICANT: Li, Bi-yu
 3 <120> TITLE OF INVENTION: METHOD FOR IDENTIFICATION, SEPARATION AND QUANTITATIVE MEASUREMENT OF

4 NUCLEIC ACID FRAGMENTS

8 <130> FILE REFERENCE: 45163-1008

10 <140> CURRENT APPLICATION NUMBER: 09/896,324B

C--> 11 <141> CURRENT FILING DATE: 2002-11-04

12 <160> NUMBER OF SEQ ID NOS: 89

13 <170> SOFTWARE: PatentLi version 3.1

17 <210> SEQ. ID NO: 1

18 <211> LENGTH: 13

19 <212> TYPE: DNA

20 <213> ORGANISM: AB18-EcoR I

21 <400> SEQUENCE: 1

22 ggtatctatggttctaatgtaa ttc

23

26 <210> SEQ. ID NO: 2

27 <211> LENGTH: 19

28 <212> TYPE: DNA

29 <213> ORGANISM: AB18-EcoR II

31 <400> SEQUENCE: 2

32 ggtatctatggttctaatgtaa

19

36 <210> SEQ. ID NO: 3

37 <211> LENGTH: 13

38 <212> TYPE: DNA

39 <213> ORGANISM: AB18-ApaI I

41 <400> SEQUENCE: 3

42 ggtatctatggttctaatgtaa

18

46 <210> SEQ. ID NO: 4

47 <211> LENGTH: 18

48 <212> TYPE: DNA

49 <213> ORGANISM: AB18-ApaI I

51 <400> SEQUENCE: 4

52 ggtatctatggttctaatgtaa

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56 <210> SEQ. ID NO: 5

57 <211> LENGTH: 18

58 <212> TYPE: DNA

59 <213> ORGANISM: AB18-BamH I

61 <400> SEQUENCE: 5

62 ggtatctatggttctaatgtaa

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68 <212> TYPE: DNA

69 <213> ORGANISM: AB18-Bgl II

71 <400> SEQUENCE: 6

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DATE: 11/21/2002

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Input Set : A:\PTO.VSK.txt

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74 <213> ORGANISM: AB13-EcoR I
75 <400> SEQUENCE: 7
76 gtttaccatcg gacactatg                               18
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81 <211> LENGTH: 19
82 <212> TYPE: DNA
83 <213> ORGANISM: AB13-Hind III
84 <400> SEQUENCE: 8
85 agttaccatcg gacactatg                               18
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90 <211> LENGTH: 19
91 <212> TYPE: DNA
92 <213> ORGANISM: AB13-Nco I
93 <400> SEQUENCE: 9
94 gtttaccatcg gacactatg                               18
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99 <211> LENGTH: 19
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101 <213> ORGANISM: CD18-BsaJ
102 <400> SEQUENCE: 10
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110 <213> ORGANISM: CD18-BsaJ I
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112 ctcttcacga ctctatg                                   16
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118 <212> TYPE: DNA
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120 <400> SEQUENCE: 12
121 ctcttcacga ctctatg                                   16
125 <210> SEQ ID NO: 13
126 <211> LENGTH: 16
127 <212> TYPE: DNA
128 <213> ORGANISM: CD18-BsaJ
129 <400> SEQUENCE: 13
131 ctcttcacga ctctatg                                   16
134 <210> SEQ ID NO: 14
135 <211> LENGTH: 16
136 <212> TYPE: DNA
137 <213> ORGANISM: CD18-BsaJ
138 <400> SEQUENCE: 14
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RAW SEQUENCE LISTING

DATE: 11/21/2001

PATENT APPLICATION: US/09/896,324B

TIME: 14:51:17

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\11212002\I896324B.raw

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149 <210> SEQ ID NO: 16
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152 <213> ORGANISM: CD18-BasJ
153 <400> SEQUENCE: 16
154 ctagtcacga ctctag 16
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156 <211> LENGTH: 16
157 <212> TYPE: DNA
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159 <400> SEQUENCE: 17
160 ctagtcacga ctctag 16
161 <210> SEQ ID NO: 18
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163 <212> TYPE: DNA
164 <213> ORGANISM: CD18-BsaJ
165 <400> SEQUENCE: 18
166 ctagtcacga ctctag 16
167 <210> SEQ ID NO: 19
168 <211> LENGTH: 16
169 <212> TYPE: DNA
170 <213> ORGANISM: CD18-BsaJ
171 <400> SEQUENCE: 19
172 ctagtcacga ctctag 16
173 <210> SEQ ID NO: 20
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175 <212> TYPE: DNA
176 <213> ORGANISM: CD18-BasJ
177 <400> SEQUENCE: 20
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179 <210> SEQ ID NO: 21
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182 <213> ORGANISM: CD18-BasJ
183 <400> SEQUENCE: 21
184 ctagtcacga ctctag 16
185 <210> SEQ ID NO: 22
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187 <212> TYPE: DNA
188 <213> ORGANISM: CD18-BasJ
189 <400> SEQUENCE: 22
190 ctagtcacga ctctag 16
191 <210> SEQ ID NO: 23
192 <211> LENGTH: 16
193 <212> TYPE: DNA
194 <213> ORGANISM: CD18-BasJ
195 <400> SEQUENCE: 23
196 ctagtcacga ctctag 16

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RAW SEQUENCE LISTING

DATE: 11/17/2001

PATENT APPLICATION: US/09/896,324B

TIME: 18:11:17

Input Set : A:\PTO.VSK.txt

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225 <211> LENGTH: 16
226 <212> TYPE: DNA
227 <213> ORGANISM: CM18-BsaJ
229 <400> SEQUENCE: 24
230 ctagtcacga ctctag 16
233 <210> SEQ ID NO: 25
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235 <212> TYPE: DNA
236 <213> ORGANISM: CM18-BsaJ
238 <400> SEQUENCE: 25
239 ctagtcacga ctctag 16
242 <210> SEQ ID NO: 26
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244 <212> TYPE: DNA
245 <213> ORGANISM: CM18-BsaJ
247 <400> SEQUENCE: 26
248 ctagtcacga ctctag 16
251 <210> SEQ ID NO: 27
252 <211> LENGTH: 13
253 <212> TYPE: DNA
254 <213> ORGANISM: AE18-ApaI I
256 <400> SEQUENCE: 27
257 gctcttagtg tccgatgt 18
260 <210> SEQ ID NO: 28
261 <211> LENGTH: 13
262 <212> TYPE: DNA
263 <213> ORGANISM: AE18-ApaI II
265 <400> SEQUENCE: 28
266 gctcaccagg taccacgt 18
269 <210> SEQ ID NO: 29
270 <211> LENGTH: 13
271 <212> TYPE: DNA
272 <213> ORGANISM: AB18-BamH I
274 <400> SEQUENCE: 29
275 gctgcttagtg tccgatgt 18
278 <210> SEQ ID NO: 30
279 <211> LENGTH: 13
280 <212> TYPE: DNA
281 <213> ORGANISM: AB18-BamH I
283 <400> SEQUENCE: 30
284 gctcaccagg taccactag 18
287 <210> SEQ ID NO: 31
288 <211> LENGTH: 13

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RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/896,324B

TIME: 13:41:17

Input Set : A:\PTO.VSK.txt

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297 <211> LENGTH: 18
298 <212> TYPE: DNA
299 <213> ORGANISM: AB18-Eql II
301 <400> SEQUENCE: 32
302 gatagcagc ttagctag
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306 <210> SEQ ID NO: 33
307 <211> LENGTH: 18
308 <212> TYPE: DNA
309 <213> ORGANISM: AB18-EcoR I
310 <400> SEQUENCE: 33
311 gctcttagtg ttagatgt
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314 <210> SEQ ID NO: 34
315 <211> LENGTH: 18
316 <212> TYPE: DNA
317 <213> ORGANISM: AB18-EcoR I
318 <400> SEQUENCE: 34
319 gatagcagc ttagctaa
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323 <210> SEQ ID NO: 35
324 <211> LENGTH: 18
325 <212> TYPE: DNA
326 <213> ORGANISM: AB-18-Hind III
328 <400> SEQUENCE: 35
329 ggtgctagtg ttagatgt
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332 <210> SEQ ID NO: 36
333 <211> LENGTH: 18
334 <212> TYPE: DNA
335 <213> ORGANISM: AB-18-HIND III
337 <400> SEQUENCE: 36
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341 <210> SEQ ID NO: 37
342 <211> LENGTH: 18
343 <212> TYPE: DNA
344 <213> ORGANISM: AB18-Nco I
346 <400> SEQUENCE: 37
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18
350 <210> SEQ ID NO: 38
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352 <212> TYPE: DNA
353 <213> ORGANISM: AB18-Nco I
355 <400> SEQUENCE: 38
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359 <210> SEQ ID NO: 39
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361 <212> TYPE: DNA

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/896,324B

DATE: 11/21/2002

TIME: 13:51:18

Input Set : A:\PTO.VSK.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date